



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/791,613	03/03/2004	Chang-Ying Chen	J5P4013-GFP-922460	2665
46643	7590	07/14/2005	EXAMINER	
CHIH-CHING HSIEN 235 CHUNG-HO BOX 8-24 TAIPEI HSIEN, 235 TAIWAN			MULLER, BRYAN R	
			ART UNIT	PAPER NUMBER
			3723	

DATE MAILED: 07/14/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

10/791,613

Applicant(s)

CHEN, CHANG-YING

Examiner

Bryan R. Muller

Art Unit

3723

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 2 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 3/03/2004.
- 2a) ☐ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☒ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-6 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☒ Claim(s) 1-6 is/are allowed.
- 6) ☐ Claim(s) _____ is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☒ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 03 March 2004 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

1. This application is in condition for allowance except for the following formal matters:

In the claims and the specification, the following corrections are to be made:

- The word “elastomer” should be replaced with the word “spring” in all places.
- The term “bucking” referring to the bucking slots (in claim 3 and page 4 of the specification) and the bucking hole (line 23 of page 2 and line 3 of page 5 of the specification) should be changed to “buckling”.

In the claims, the following corrections are to be made:

- The word, “axially” in line 7 of claim 1 on page 7 should be changed to “axial”.
- The word, “placing” in line 8 of claim 1 on page 7 should be changed to “placed”.
- The word, “teeth” in line 10 of claim 1 on page 7 should be changed to “teethed”.
- The word, “of” in line 13 of claim 1 on page 7 should be deleted.
- The semicolon, “;” after the word “hole” 17 of claim 1 on page 7 should be replaced with a comma “,”.

In the abstract of the specification, the following corrections are to be made:

- The word, "axially" in line 3 of the abstract on page 9 should be changed to "axial".
- The word, "placing" in line 4 of the abstract on page 9 should be changed to "placed".

In the specification, the following corrections are to be made:

- The word, "particular" in line 4 of the specification on page 1 should be changed to "particularly".
- The word, "stand" in line 10 of the specification on page 1 should be changed to "standard".
- The word, "protruded" in line 11 of the specification on page 1 should be changed to "protrudes".
- The phrase, "stop swings" in lines 17 and 25 of the specification on page 1 should be changed to "stops swing".
- The word, "to" in line 20 of the specification on page 1 should be changed to "in".
- The phrase, "learnt so as to increase" in lines 6 and 7 of the specification on page 2 should be changed to "learned, which increases".
- The phrase, "complicated so that more" in line 8 of the specification on page 2 should be changed to "complicated, more".

- The word, "axially" in line 16 of the specification on page 2 should be changed to "axial".
- The word, "placing" in line 17 of the specification on page 2 should be changed to "placed".
- The word, "of" in line 21 of the specification on page 2 should be deleted.
- The phrase, "sheet is installed with" in line 22 of the specification on page 2 should be changed to "sheet has".
- The word, "details" in line 4 of the specification on page 4 should be changed to "detail".
- The word, "cause" in line 5 of the specification on page 4 should be changed to "allow".
- The reference number "331" in line 23 of the specification on page 4 should be changed to "33".
- The word, "Each" in line 24 of the specification on page 4 should be changed to "The".
- The section of the specification that reads "the rod body 10. After fixing, a lower" in lines 12 and 13 of the specification on page 5 should be changed to "the rod body 10 to the ratchet device. After fixing the rod body 10, a lower".
- The word, "other" should be inserted between the words "the" and "ratchet" in line 23 of the specification on page 5.

Art Unit: 3723

- The word, "complete" in line 24 of the specification on page 5 should be changed to "completely".
- The words, "only" and "that" in line 25 of the specification on page 5 should be deleted.
- The word, "to" should be inserted between the words "opener" and "drive" in line 25 of the specification on page 5.
- The word, "undirectional" in line 5 on page 1 and line 4 on page 6 of the specification should be changed to "unidirectional".

Please carefully review the claims and entire specification and make corrections to any informalities in the application.

2. Prosecution on the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213. (Other than corrections to informalities, the applicant may not add, remove or change the application or claims).

3. A shortened statutory period for reply to this action is set to expire **TWO MONTHS** from the mailing date of this letter.

Allowable Subject Matter

4. Claims 1-6 are allowed.

5. The following is a statement of reasons for the indication of allowable subject matter: The art of record (considered as a whole) neither anticipates nor renders obvious a ratchet device having a seat, wherein a top surface of the seat has two axial grooves, each fitted with a spring and a ratchet block, an adjusting sheet, having

two through holes corresponding to the two ratchet blocks in the seat, placed above the seat and a ratchet sheet being installed above the adjusting sheet in combination with the rest of the claimed limitations set forth in the independent claim.

6. Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Bryan R. Muller whose telephone number is (571) 272-4489. The examiner can normally be reached on Monday thru Thursday and second Fridays.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Joseph J. Hail III can be reached on (571) 272-4485. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Art Unit: 3723

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

BRM *BRM*
7/6/2005



Joseph J. Hail, III
Supervisory Patent Examiner
Technology Center 3700